

REMARKS

Applicants thank the Examiner for the very thorough consideration given the present application.

Claims 1, 3-5, 8-10 and 12-13 are now present in this application. By this reply, claim 14 has been cancelled. Claims 1, 5 and 10 have been amended. Accordingly, claims 1, 3-5, 8-10, 12 and 13 are currently pending.

Summary of the Interview

During the interview, the Examiner admitted that Chen (US 5,648,793), Moon (US 5,825,343), Wada et al. (JP 01-106,017), and Asada et al. (US 5,867,141) are silent as to the feature "wherein a time at which the data is applied to the liquid crystal cell is greater than a switching time required for applying the data to the liquid crystal cell." Accordingly, the Examiner agreed to determine the patentability after conducting further searches once a formal Response is filed, including the above mentioned feature into independent claims 1, 5, and 10.

Rejections Under 35 U.S.C. § 112

Claims 1, 3-5, 8-10 and 12-14 are rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claims 1, 3-5, 8-10 and 12-14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter

which applicant regards as the invention. Specifically, as currently written the newly added limitation of the independent claims would appear to only supply active data signals to the first and second rows of cells of the display. This seems very odd not to supply data signals to the remaining rows of cells.

This rejection is respectfully traversed.

The word “only” has been deleted in the Claims 1, 5 and 10.

Rejections under 35 U.S.C. §103

Claims 1, 3-5, 8-10 and 12-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chen (US 5,648,793) in view of Moon (US 5,825,343) and Wada et al. (JP 01-106,017) and further in view of Asada et al. (US 5,867,141).

Applicant respectfully traverses this rejection on grounds that the applied references, whether taken singly or combined, fail to teach or suggest the combination of features recited by the amended independent claims 1, 5 and 10.

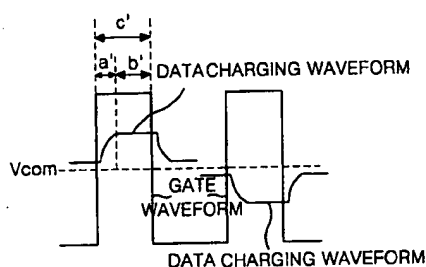
Independent claim 1 recites a method of driving a liquid crystal display panel of dot inversion system including, in part, “wherein a time at which the data is applied to the liquid crystal cell is greater than a switching time required for applying the data to the liquid crystal cell”. (*Emphasis added*)

Similarly, independent claim 5, as amended, recites a driving apparatus for liquid crystal display panel of dot inversion including, in part, “wherein a time at which the data is applied to the liquid crystal cell is greater than a switching time required for applying the data to the liquid crystal cell”. (*Emphasis added*)

Similarly, independent claim 10, as amended, recites a device for driving a liquid

crystal display panel including, in part, “wherein a time at which the data is applied to the liquid crystal cell is greater than a switching time required for applying the data to the liquid crystal cell”. (*Emphasis added*)

According to the claimed invention, a time b' at which the data is really applied to the liquid crystal cell is greater than a switching time a' required for applying the data to the liquid crystal cell.



[Fig. 10 of claimed invention]

This feature of the claimed invention makes it possible for the liquid crystal cells to be well sufficiently charged during the high status time c' of the gate pulse.

Thus, the cited references are completely silent with regard to the feature of “wherein a time at which the data is really applied to the liquid crystal cell is greater than a switching time required for applying the data to the liquid crystal cell”.

For the above reasons, Applicant respectfully asserts that the rejections under 35 U.S.C. § 103(a) should be withdrawn because none of the applied prior art references, whether taken individually or in combination, teach or suggest the novel combination of features clearly recited in amended independent claims 1, 5 and 10, respectively.

CONCLUSION


In view of the foregoing amendments and remarks, Applicant respectfully requests the reconsideration and the timely allowance of the pending claims. Should the Examiner believe that there are any issues outstanding after consideration of this response, the Examiner is invited to contact Applicant's undersigned representative to expedite prosecution.

If there are any other fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

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